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INPUT

Scrape Scholar

```
from selenium import webdriver
from selenium.common import NoSuchElementException
from selenium.webdriver.common.by import By
from selenium.webdriver.support import expected_conditions as EC
from selenium.webdriver.support.ui import WebDriverWait
import pandas as pd

# Setup browser
options = webdriver.ChromeOptions()
driver = webdriver.Chrome(options=options)

# Nama penulis dan afiliasi
first_name = "Kusman"
last_name = "Sadik"
affiliate = "IPB University"
affiliate_full = "Institut Pertanian Bogor"

# List untuk menyimpan data
results = []

def scrape_google_scholar():
    driver.get("https://scholar.google.com")

    # Input pencarian
    driver.find_element(By.ID, "gs_hdr_tsi").send_keys(f"{first_name} {last_name} {affiliate}")
    driver.find_element(By.ID, "gs_hdr_tsb").click()

    # Klik profil penulis
    user_element = WebDriverWait(driver, 5).until(
        EC.visibility_of_any_elements_located((By.CLASS_NAME, "gs_rt2")))
    driver.get(user_element.find_element(By.TAG_NAME, "a").get_attribute("href"))

    # Load semua publikasi
    while True:
        try:
            load_more_button = WebDriverWait(driver, 5).until(
                EC.presence_of_element_located((By.ID, "gsc_bpf_more")))
        except:
            break

        # jika tombol tidak aktif, berhenti
        if not load_more_button.is_enabled():
            break

        # cek apakah tombol benar-benar bisa diklik
        WebDriverWait(driver, 5).until(
            EC.element_to_be_clickable((By.ID, "gsc_bpf_more")))
        load_more_button.click()

    # beri jeda agar tidak bentrok saat loading
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        WebDriverWait(driver, 2).until(
            EC.invisibility_of_element_located((By.CLASS_NAME,
"gs_md_d"))
        )

    except (NoSuchElementException, ElementClickInterceptedException):
        break

# Ekstrak data publikasi
publications = driver.find_elements(By.CLASS_NAME, "gsc_a_tr")
for publication in publications:
    title_element = publication.find_element(By.CLASS_NAME, "gsc_a_t")
    title = title_element.find_element(By.CLASS_NAME,
"gsc_a_at").text.replace(';', ',')
    cited_count = publication.find_element(By.CLASS_NAME,
"gsc_a_ac").text.replace(';', ',')
    year = publication.find_element(By.CLASS_NAME,
"gsc_a_h").text.replace(';', ',')

    descriptions = title_element.find_elements(By.TAG_NAME, "div")
    author = descriptions[0].text.replace(';', ',') if
len(descriptions) > 0 else ""
    journal_name = descriptions[1].text.replace(';', ',') if
len(descriptions) > 1 else ""

    results.append({
        "source": "Google Scholar",
        "type": "Article",
        "title": title,
        "author": author,
        "publisher": journal_name,
        "year": year,
        "quartile": "N/A",
        "cited": cited_count,
        "is_success": "N/A",
        "info": "N/A"
    })

# Jalankan scraping
scrape_google_scholar()
driver.quit()

# Simpan ke Excel
df = pd.DataFrame(results)
output_path = "schoolar.xlsx"
df.to_excel(output_path, index=False)

print(f"✅ Data berhasil disimpan di: {output_path}")

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Scrape SINTA

```

import undetected_chromedriver as uc
from selenium.webdriver.common.by import By
from selenium.webdriver.support.ui import WebDriverWait
from selenium.webdriver.support import expected_conditions as EC
import pandas as pd
import time
from getpass import getpass

```

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# === 1. Input login SINTA ===
USERNAME = input("Masukkan username/email SINTA: ")
PASSWORD = getpass("Masukkan password SINTA: ")

# === 2. Setup Chrome ===
options = uc.ChromeOptions()
options.add_argument('--no-sandbox')
options.add_argument('--disable-dev-shm-usage')
options.add_argument('--headless') # Hapus komentar jika ingin melihat
browser

driver = uc.Chrome(options=options)
wait = WebDriverWait(driver, 20)

try:
    # === 3. Login ke SINTA ===
    driver.get("https://sinta.kemdikbud.go.id/logins")
    wait.until(EC.presence_of_element_located((By.NAME, "username")))
    driver.find_element(By.NAME, "username").send_keys(USERNAME)
    driver.find_element(By.NAME, "password").send_keys(PASSWORD)
    driver.find_element(By.XPATH, "//button[contains(text(), 'Login')]").click()
    wait.until(EC.url_changes("https://sinta.kemdikbud.go.id/logins"))
    print("☑ Login berhasil!")

    # === 4. Akses halaman Profil ===
    url = "https://sinta.kemdikbud.go.id/authors/profile/36142"
    driver.get(url)
    print("↗ Mengakses profil pengguna...")
    time.sleep(3)

    profil = []

    try:
        # === Nama ===
        nama = driver.find_element(By.CSS_SELECTOR, "div.row.p-3 h3").text.strip()

        # === Institusi ===
        institusi = driver.find_element(By.XPATH, "//a[contains(@href, '/affiliations/profile/')]").text.strip()

        # === Departemen ===
        try:
            departemen = driver.find_element(By.XPATH, "//a[contains(@href, '/departments/profile/')]").text.strip()
        except:
            departemen = ""

        # === SINTA ID ===
        sinta_id = ""
        sinta_links = driver.find_elements(By.CSS_SELECTOR, ".meta-profile a")
        for a in sinta_links:
            if "SINTA ID" in a.text:
                sinta_id = a.text.strip().split(":")[-1].strip()

        # === Subject Area ===
        try:
            subject_elements = driver.find_elements(By.CSS_SELECTOR,

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"ul.subject-list li")
    subject_areas = [li.text.strip() for li in subject_elements]
    subject_area = ";" .join(subject_areas)
except:
    subject_area = ""

# === Skor dari .stat-profile ===
sinta_score_overall = sintascore_3yr = affil_score =
affil_score_3yr = ""
try:
    wait.until(EC.presence_of_element_located((By.CLASS_NAME,
"stat-profile")))
    stat_section = driver.find_element(By.CLASS_NAME, "stat-
profile")
    rows = stat_section.find_elements(By.CLASS_NAME, "col-sm-4")

    if len(rows) >= 4:
        sintascore_overall = rows[0].text.split("\n")[0].strip()
        sintascore_3yr = rows[1].text.split("\n")[0].strip()
        affil_score = rows[2].text.split("\n")[0].strip()
        affil_score_3yr = rows[3].text.split("\n")[0].strip()
    else:
        print("⚠️ Jumlah skor kurang dari 4")

except Exception as e:
    print("⚠️ Gagal mengambil skor dari stat-profile:", e)

# === Simpan ke list ===
profil.append({
    "Nama": nama,
    "Institusi": institusi,
    "Departemen": departemen,
    "SINTA ID": sintas_id,
    "Subject Area": subject_area,
    "SINTA Score Overall": sintascore_overall,
    "SINTA Score 3Yr": sintascore_3yr,
    "Affil Score": affil_score,
    "Affil Score 3Yr": affil_score_3yr
})

except Exception as e:
    print("⚠️ Gagal memproses profil:", e)

# === 5. Simpan ke Excel ===
if profil:
    df_profil = pd.DataFrame(profil)
    df_profil.to_excel("profil_sinta.xlsx", index=False)
    print("✅ Data disimpan ke profil_sinta.xlsx")
else:
    print("⚠️ Tidak ada data ditemukan.")

finally:
    driver.quit()

```

Scrape Scopus

```

import requests
import pandas as pd
import time

# Set API Key dan Author ID Scopus
api_key = "81b43f2badb4f475df7a6c3d6761e9d5"
author_id = "57190939346"

# URL dasar untuk Scopus Search API
base_url = "https://api.elsevier.com/content/search/scopus"

# Parameter paginasi
count = 25
start = 0
all_publications = []

# Looping ambil data
while True:
    params = {
        "query": f"AU-ID({author_id})",
        "count": count,
        "start": start,
        "field": "dc:title,prism:publicationName,prism:coverDate,eid,citedby-count"
    }

    headers = {
        "X-ELS-APIKey": api_key,
        "Accept": "application/json"
    }

    response = requests.get(base_url, params=params, headers=headers)

    if response.status_code != 200:
        print(f"Error: {response.status_code}\n{response.text}")
        break

    data = response.json()
    entries = data.get("search-results", {}).get("entry", [])

    if not entries:
        break

    df = pd.json_normalize(entries)
    all_publications.append(df)

    print(f"☑ Retrieved {len(entries)} entries. Total so far: {len(all_publications)}")

    total_results = int(data["search-results"].get("opensearch:totalResults", 0))
    if start + count >= total_results:
        break

    start += count
    time.sleep(1)

# Gabungkan semua DataFrame
pub_df_raw = pd.concat(all_publications, ignore_index=True)

# Bersihkan dan transformasi kolom

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pub_df = pd.DataFrame({
    "Title": pub_df_raw.get("dc:title", pub_df_raw.get("prism:title")),
    "Journal": pub_df_raw.get("prism:publicationName"),
    "Publication_Date": pub_df_raw.get("prism:coverDate"),
    "Citations": pd.to_numeric(pub_df_raw.get("citedby-count", 0),
                               errors="coerce").fillna(0).astype(int),
    "EID": pub_df_raw.get("eid")
})

pub_df["Tahun"] = pub_df["Publication_Date"].str[:4]
pub_df.insert(0, "No", range(1, len(pub_df) + 1))

# Tampilkan hasil
print("\n📄 Data publikasi yang berhasil diproses:")
print(pub_df.head(10))

# Simpan ke Excel (jika ingin)
pub_df.to_excel("scopus_result.xlsx", index=False)

```

OUTPUT

Scrape Scholar

source	type	title	author	publisher	year	quartile	cited	is_success	info
Google Scholar	Article	Statistika Dasar	A Saefuddin, KA Notodiputro, A Alamudi, K Sadik	Jakarta: Grasindo 5, 2615-1855	2009	N/A	153	N/A	N/A
Google Scholar	Article	A comparative study of approximation methods for maximum likelihood estimation in generalized linear mixed models (GLMM)	D Handayani, KA Notodiputro, K Sadik, A Kurnia	AIP conference proceedings 1827 (1)	2017	N/A	36	N/A	N/A
Google Scholar	Article	Statistika terapan	D Kadir	Jakarta: Rajagrafindo Persada	2015	N/A	34	N/A	N/A
Google Scholar	Article	Pemodelan data panel spasial dengan dimensi ruang dan waktu	TF Diputra, K Sadik, Y Angraini	Forum Statistika dan Komputasi: Indonesian Journal of Statistics 17 (1), 6-14	2012	N/A	23	N/A	N/A
Google Scholar	Article	Comparison of Single and Ensemble Classifiers of Support Vector Machine and Classification Tree	IT Utami, B Sartono, K Sadik	Journal of Mathematical Sciences and Applications 2 (2), 17-20	2014	N/A	22	N/A	N/A
Google Scholar	Article	Comparison of ARIMA and GRU Models for High-Frequency Time Series Forecasting.	M Ridwan, K Sadik, FM Afendi	Scientific Journal of Informatics 10 (3), 389-400	2023	N/A	16	N/A	N/A
Google Scholar	Article	Statistika Dasar	S Asep, NK Anwar, A Aam, S Kusman	Jakarta: PT Grasindo	2009	N/A	16	N/A	N/A
Google Scholar	Article	Analisis Korelasi dan Regresi	K Sadik	Metode Statistika	2015	N/A	15	N/A	N/A
Google Scholar	Article	Optimum spatial weighted in small area estimation	AK Asfar, K Sadik	Global Journal of Pure and Applied	2016	N/A	14	N/A	N/A

				Mathematics 12 (5), 3977-3989					
Google Scholar	Article	Conwey-Maxwell Poisson distribution: approach for over-and-under-dispersed count data modelling	M Hayati, K Sadik, A Kurnia	IOP Conference Series: Earth and Environmental Science 187 (1), 012039	2018	N/A	13	N/A	N/A
Google Scholar	Article	M-estimation use bisquare, hampel, huber, and welsch weight functions in robust regression	T Yulita, KA Notodiputro, K Sadik	Int. J. Sci. Res. Sci. Eng. Technol 4 (9), 425-430	2018	N/A	13	N/A	N/A
Google Scholar	Article	Metode Prediksi tak-bias linear terbaik dan bayes berhirarki untuk pendugaan area kecil berdasarkan model state space [Dissertasi]	K Sadik	IPB (Bogor Agricultural University)	2009	N/A	13	N/A	N/A
Google Scholar	Article	Numerical prediction of paddy weight of crop cutting survey using generalized Geoadditive linear mixed model	M Ardiansyah, A Kurnia, K Sadik, A Djuraidah, H Wijayanto	Journal of Physics: Conference Series 1863 (1), 012024	2021	N/A	11	N/A	N/A
Google Scholar	Article	Robustness of location estimators under t-distributions: a literature review	C Sumarni, K Sadik, KA Notodiputro, B Sartono	IOP conference series: earth and environmental science 58 (1), 012015	2017	N/A	11	N/A	N/A
Google Scholar	Article	Pemodelan pengukuran luas panen padi nasional menggunakan Generalized Autoregressive Conditional Heteroscedastic model (GARCH)	TA Iqbal, K Sadik, IM Sumertajaya	Penelitian Pertanian Tanaman Pangan 33 (1), 17-26	2014	N/A	10	N/A	N/A
Google Scholar	Article	Study of forecasting method for agricultural products using hybrid ANN-GARCH approach	M Jannah, K Sadik, FM Afendi	Journal of Physics: Conference Series 1863 (1), 012052	2021	N/A	8	N/A	N/A
Google Scholar	Article	Small area estimation of per capita expenditures using robust empirical best linear unbiased prediction (REBLUP)	A Salma, K Sadik, KA Notodiputro	AIP Conference Proceedings 1827 (1)	2017	N/A	8	N/A	N/A
Google Scholar	Article	Mengukur indeks kebahagiaan mahasiswa IPB menggunakan analisis faktor	A Permatasari, KA Notodiputro, K Sadik	Xplore: Journal of Statistics 2 (1), 1-8	2018	N/A	7	N/A	N/A
Google Scholar	Article	The Prominence of Vector Autoregressive Model in Multivariate Time Series Forecasting Models With Stationary Problems	E Rohaeti, IM Sumertajaya, AH Wigena, K Sadik	BAREKENG: Jurnal Ilmu Matematika Dan Terapan 16 (4), 1313-1324	2022	N/A	5	N/A	N/A
Google Scholar	Article	A study of ZIP and ZINB regression modeling for count data with excess zeros	RN Amalia, K Sadik, KA Notodiputro	Journal of Physics: Conference Series 1863 (1), 012022	2021	N/A	5	N/A	N/A

Scrape SINTA

Nama	Institusi	Departemen	SINTA ID	Subject Area	SINTA Score Overall	SINTA Score 3Yr	Affil Score	Affil Score 3Yr
KUSMAN SADIK	Institut Pertanian Bogor	S2 - Statistika Terapan	36142	Statistics; Modelling; Mathematics; Data Science	1.351	325	6	0

Scrape Scopus

No	Title	Journal	Publication Date	Citations	EID	Tahun
1	Simulation and Empirical Studies of Long Short-Term Memory Performance to Deal with Limited Data	Jurnal Online Informatika	2025-04-01	0	2-s2.0-105007692821	2025
2	MODELING THE INCIDENCE OF MALNUTRITION IN BOGOR REGENCY USING ZERO-INFLATED NEGATIVE BINOMIAL MIXED EFFECT MODEL	Barekeng	2024-06-01	0	2-s2.0-85218741857	2024
3	Analyzing multilevel model of educational data: Teachers' ability effect on students' mathematical learning motivation	Journal on Mathematics Education	2024-02-01	1	2-s2.0-85186174959	2024
4	A PRELIMINARY STUDY OF SENTIMENT ANALYSIS ON COVID-19 NEWS: LESSON LEARNED FROM DATA ACQUISITION, PRE-PROCESSING, AND DESCRIPTIVE ANALYTICS	Barekeng	2023-12-01	0	2-s2.0-85217474670	2023
5	SIMULATION STUDY OF HIERARCHICAL BAYESIAN APPROACH FOR SMALL AREA ESTIMATION WITH MEASUREMENT ERROR	Barekeng	2023-12-01	1	2-s2.0-85187200818	2023
6	TRANSFER FUNCTION AND ARIMA MODEL FOR FORECASTING BI RATE IN INDONESIA	Barekeng	2023-09-01	1	2-s2.0-85217485487	2023
7	MTSClust with Handling Missing Data Using VAR-Moving Average Imputation	Mathematics and Statistics	2023-03-01	2	2-s2.0-85149488637	2023
8	Vector Autoregressive-Moving Average Imputation Algorithm for Handling Missing Data in Multivariate Time Series	Iaeng International Journal of Computer Science	2023-01-01	6	2-s2.0-85190293586	2023
9	POISSON-LOGNORMAL MODEL WITH MEASUREMENT ERROR IN COVARIATE FOR SMALL AREA ESTIMATION OF COUNT DATA	Communications in Mathematical Biology and Neuroscience	2023-01-01	1	2-s2.0-85148713112	2023
10	Simulation for Time Series Classification Using Feature Covariance Matrices with K-Nearest Neighbor	Aip Conference Proceedings	2022-12-22	0	2-s2.0-85146528770	2022
11	Small Area Estimation of Internet Users Proportion at Sub District Level in Bogor	Aip Conference Proceedings	2022-12-22	1	2-s2.0-85146523513	2022

	Regency Using Logistic Mixed Model and Robust Logistic Model Approach					
12	Comparison Between Poisson, Quasi-Poisson, and Negative Binomial Regression in Analyzing Under-Five Children Malnutrition Cases in East Java	Aip Conference Proceedings	2022-12-22	1	2-s2.0-85146525667	2022
13	A COMPARISON OF COX PROPORTIONAL HAZARD AND RANDOM SURVIVAL FOREST MODELS IN PREDICTING CHURN OF THE TELECOMMUNICATION INDUSTRY CUSTOMER	Barekeng	2022-12-01	1	2-s2.0-85213019287	2022
14	THE PROMINENCE OF VECTOR AUTOREGRESSIVE MODEL IN MULTIVARIATE TIME SERIES FORECASTING MODELS WITH STATIONARY PROBLEMS	Barekeng	2022-12-01	2	2-s2.0-85197339441	2022
15	The Modified Structural Quasi Score Estimator for Poisson Regression Parameters with Covariate Measurement Error	International Journal on Advanced Science Engineering and Information Technology	2022-01-01	0	2-s2.0-85141762376	2022
16	A Study of ZIP and ZINB Regression Modeling for Count Data with Excess Zeros	Journal of Physics Conference Series	2021-04-19	4	2-s2.0-85104718780	2021
17	Study of Forecasting Method for Agricultural Products Using Hybrid ANN-GARCH Approach	Journal of Physics Conference Series	2021-04-19	4	2-s2.0-85104747115	2021
18	A Bayesian approach for Generalized Linear Model Using Non-local Prior (Case Study: Poverty Status in East Java)	Journal of Physics Conference Series	2021-04-19	2	2-s2.0-85104733729	2021
19	Study of X-13 ARIMA SEATS Modeling for Rice Price Index Data in Indonesia	Journal of Physics Conference Series	2021-04-19	2	2-s2.0-85104796644	2021
20	Robust multi-stage method (MM) and least median square (LMS) evaluation on handling outlier for multiple regression	Journal of Physics Conference Series	2021-04-19	3	2-s2.0-85104745970	2021
21	Multivariate generalized autoregressive score model (case study: Vegetable oils and crude oil price data)	Journal of Physics Conference Series	2021-04-19	1	2-s2.0-85104780890	2021
22	A Bayesian Logit-Normal Model in Small Area Estimation	Journal of Physics Conference Series	2021-04-19	1	2-s2.0-85104745104	2021

23	Generalized Linear Model Approach for Time Series Count Data on Number of Foreign Tourists Modeling in West Java	Journal of Physics Conference Series	2021-04-19	0	2-s2.0-85104718993	2021
24	Numerical Prediction of paddy weight of Crop Cutting Survey using Generalized Geoadditive Linear Mixed Model	Journal of Physics Conference Series	2021-04-19	6	2-s2.0-85104696347	2021
25	Swing Voters' Vote Choice Prediction Using Multilevel Logit Model to Improve Election Survey Accuracy	Journal of Physics Conference Series	2021-04-19	0	2-s2.0-85104707081	2021
26	Comparison of GLM, GLMM and HGLM in Identifying Factors that Influence the District or City Poverty Level in Aceh Province	Journal of Physics Conference Series	2021-04-19	0	2-s2.0-85104814362	2021
27	Density Estimation of Neonatal Mortality Rate Using Empirical Bayes Deconvolution in Central Java Province, Indonesia	Procedia Computer Science	2021-01-01	0	2-s2.0-85101749290	2021
28	Discrete Support Set Selection for Gamma Prior Density Estimation in Measurement Error Model using Empirical Bayes Deconvolution	Thailand Statistician	2021-01-01	0	2-s2.0-85127525836	2021
29	Small area estimation with measurement error in t distributed covariate variable	International Journal on Advanced Science Engineering and Information Technology	2020-01-01	3	2-s2.0-85090846626	2020
30	Modelling of the number of malaria suffers in Indonesia using Bayesian generalized linear models	Journal of Physics Conference Series	2019-12-16	1	2-s2.0-85077818731	2019
31	Estimation of per capita household expenditure: A likelihood approach of robust extension of small area estimation	Journal of Applied Probability and Statistics	2019-12-01	2	2-s2.0-85087692099	2019
32	A simulation study with log, Box-Cox, and dual-power transformation on handling curvilinear relationship in small area estimation	Iop Conference Series Earth and Environmental Science	2019-07-29	0	2-s2.0-85070628448	2019
33	Small area estimation on zero-inflated data using frequentist and bayesian approach	Journal of Modern Applied Statistical Methods	2019-01-01	2	2-s2.0-85081379298	2019
34	The study of non-sampled area in the small area estimation using fast hierarchical bayes method	Journal of Theoretical and Applied	2018-12-31	2	2-s2.0-85059444600	2018

		Information Technology				
35	Characteristics of Ordinal Data in Trend Odds Model	Iop Conference Series Earth and Environmental Science	2018-11-19	0	2-s2.0-85068825314	2018
36	Hierarchical Generalized Linear Model Approach for Estimating of Working Population in Kepulauan Riau Province	Iop Conference Series Earth and Environmental Science	2018-11-19	0	2-s2.0-85068831478	2018
37	Conwey-Maxwell Poisson Distribution: Approach for Over- and-Under-Dispersed Count Data Modelling	Iop Conference Series Earth and Environmental Science	2018-11-19	5	2-s2.0-85068864898	2018
38	Measurement error in small area estimation: A literature review	Iop Conference Series Earth and Environmental Science	2018-11-19	2	2-s2.0-85068827720	2018
39	Clustering Information of Non-Sampled Area in Small Area Estimation of Poverty Indicators	Iop Conference Series Earth and Environmental Science	2017-04-04	1	2-s2.0-85018701832	2017
40	Bias Reduction in Estimating Variance Components of Phytoplankton Existence at Na Thap River Based on Logistics Linear Mixed Models	Iop Conference Series Earth and Environmental Science	2017-04-04	2	2-s2.0-85018710897	2017
41	Robustness of location estimators under t-distributions: A literature review	Iop Conference Series Earth and Environmental Science	2017-04-04	2	2-s2.0-85018685020	2017
42	Robust small area estimation of poverty indicators using M-quantile approach (Case study: Sub-district level in Bogor district)	Aip Conference Proceedings	2017-03-30	0	2-s2.0-85017649838	2017
43	Small area estimation of per capita expenditures using robust empirical best linear unbiased prediction (REBLUP)	Aip Conference Proceedings	2017-03-30	3	2-s2.0-85017611567	2017
44	Cluster information of non-sampled area in small area estimation of poverty indicators using Empirical Bayes	Aip Conference Proceedings	2017-03-30	2	2-s2.0-85017598071	2017
45	A comparative study of approximation methods for maximum likelihood estimation in generalized linear mixed models (GLMM)	Aip Conference Proceedings	2017-03-30	16	2-s2.0-85017652481	2017
46	Overdispersion study of poisson and zero-inflated poisson regression for some characteristics of the data on lamda, n, p	International Journal of Advances in Intelligent Informatics	2016-11-01	4	2-s2.0-85058395092	2016
47	Small area estimation (SAE) model: Case study of poverty in West Java Province	Aip Conference Proceedings	2016-02-11	1	2-s2.0-84984589145	2016

48	Post-stratification sampling in small area estimation (SAE) model for unemployment rate estimation by Bayes approach	Aip Conference Proceedings	2016-02-11	1	2-s2.0-84984552592	2016
49	Optimum spatial weighted in small area estimation	Global Journal of Pure and Applied Mathematics	2016-01-01	7	2-s2.0-84990217634	2016