Dubletter

Lynsnak, BibTekKonf, 26. okt. 2013.

Problem:
Flere kilder leverer den samme artikel; vi vil gerne identificere alle disse dubletter.
Poster er ofte ændret og datakvaliteten svingende, fx mht. forfatternavne, tidsskriftsnavne, volume, issue, sidenumre, årstal.
Kun knap 20% har et DOI-navn.

Ikke-trivielt problem; en hel del forskning på området.

Løsninger:
Ingen definitive metoder udpeget; ingen brugsklare løsninger eksisterer (sjv).
Naiv tilgang => $O(n^2)$.
Bedre: Find mindre antal kandidater, sammenlign disse med inputpost.
På DTU Bibliotek bruger vi bl.a. en hjemmelavet hash, og/eller journal/volume/issue/år til at producere kandidater, fulgt af sammenligning.
2 andre metoder under overvejelse:
- Solr-søgning på titel + sammenligning,
- simhashes + sammenligning.

Verifikation:
Ikke triviel, vi ved jo ikke hvilke/hvor mange dubletter vi har.

Interesseret/forslag/gode ideer => kontakt os!

1. Properties of a DC glow discharge iodine atom generator
Authors Azyazov, V.N.; Mikheyev, P.A.; Vorobyov, M.V.; et al.
Journal PROCEEDINGS- SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING — 2009, Volume 7131, pp. 7131 0A
Type Journal article

2. Properties of a DC glow discharge iodine atom generator
Authors Azyazov; Mikheyev; Vorobyov; et al.
Journal Proceedings of the SPIE - the International Society for Optical Engineering — 2008, Volume 7131, pp. 71310A
Type Journal article
Abstract Concentration of iodine molecules at the outlet of an electric discharge iodine atoms generator was measured using laser-induced fluorescence. Methyl iodine was used as an iodine atom precursor. Fraction of iodine extracted from CH3I in the discharge generator was about 50%. Optimal mode of operatio...

3. Properties of a dc glow discharge iodine atom generator
Authors Azyazov, Valeriy N.; Mikheyev, Pavel A.; Vorobyov, Mikhail V.; et al.
Journal XVII INTERNATIONAL SYMPOSIUM ON GAS FLOW, CHEMICAL LASERS, AND HIGH-POWER LASERS — 2009, Volume 7131, pp. -
Type Journal article
DOI 10.1117/12.816461
Abstract Concentration of iodine molecules at the outlet of an electric discharge iodine atoms generator was measured using laser-induced fluorescence. Methyl iodine was used as an iodine atom precursor. Fraction of iodine extracted from CH3I in the discharge generator was about 50 %. Optimal mode of operati...

4. Properties of a DC glow discharge iodine atom generator
Authors Azyazov, V.N.; Mikheyev, P.A.; Vorobyov, M.V.; et al.
Journal PROCEEDINGS- SPIE THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING — 2008, Volume 7131, pp. 7131 0A
Type Journal article

5. Properties of a dc glow discharge iodine atom generator
Authors Azyazov, Valeriy N.; Mikheyev, Pavel A.; Vorobyov, Mikhail V.; et al.
Journal Proceedings of SPIE - the International Society for Optical Engineering — 2009, Volume 7131, pp. 71310A
Type Journal article
DOI 10.1117/12.816461
Abstract Concentration of iodine molecules at the outlet of an electric discharge iodine atoms generator was measured

using laser-induced fluorescence. Methyl iodine was used as an iodine atom precursor. Fraction of iodine extracted from CH3I in the discharge generator was about 50 %. Optimal mode of operati...

6. Properties of a DC glow discharge iodine atom generator

Authors Azyazov, Valeriy N.; Mikheyev, Pavel A.; Vorobyov, Mikhail V.; et al.
Journal Proceedings of SPIE--the International Society for Optical Engineering — 2008, Volume 7131, Issue 1, pp. 71310A-5
Type Journal article
DOI 10.1117/12.816461
Abstract Concentration of iodine molecules at the outlet of an electric discharge iodine atoms generator was measured using laser-induced fluorescence. Methyl iodine was used as an iodine atom precursor. Fraction of iodine extracted from CH3I in the discharge generator was about 50%. Optimal mode of operatio...