



# Ryan-Rhys Griffiths

Meta Research  
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0 articles **6 articles**

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TITLE	CITED BY	YEAR
<b>Constrained Bayesian Optimization for Automatic Chemical Design using Variational Autoencoders</b> RR Griffiths, JM Hernández-Lobato Chemical Science 11 (2), 577-586	334 *	2020
<b>Mathematical Capabilities of ChatGPT</b> S Frieder, L Pinchetti, RR Griffiths, T Salvatori, T Lukasiewicz, ... NeurIPS 2023	194 *	2023
<b>HEBO: Pushing the Limits of Sample-Efficient Hyper-Parameter Optimisation</b> AI Cowen-Rivers, W Lyu, R Tutunov, Z Wang, A Grosnit, RR Griffiths, ... Journal of Artificial Intelligence Research 74, 1269-1349	115 *	2022
<b>Mapping Materials and Molecules</b> B Cheng, RR Griffiths, S Wengert, C Kunkel, T Stenczel, B Zhu, ... Accounts of Chemical Research 53 (9), 1981-1991	87	2020
<b>High-Dimensional Bayesian Optimisation with Variational Autoencoders and Deep Metric Learning</b> RR Griffiths*, A Grosnit*, R Tutunov*, AM Maraval*, AI Cowen-Rivers, ... arXiv preprint arXiv:2106.03609	48 *	2021
<b>Achieving Robustness to Aleatoric Uncertainty with Heteroscedastic Bayesian Optimisation</b> RR Griffiths, AA Aldrick, M Garcia-Ortegon, V Lalchand Machine Learning: Science and Technology 3 (1), 015004	35 *	2021
<b>Data-Driven Discovery of Molecular Photoswitches with Multioutput Gaussian Processes</b> RR Griffiths, JL Greenfield, AR Thawani, AR Jamasb, HB Moss, ... Chemical Science 13, 13541 - 13551	34 *	2022
<b>Gaussian Process Molecule Property Prediction with FlowMO</b> HB Moss*, RR Griffiths* NeurIPS 2020: Workshop on ML4Molecules	26 *	2020
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<a href="#">Modeling the Multiwavelength Variability of Mrk 335 Using Gaussian Processes</a> RR Griffiths, J Jiang, DJK Buisson, D Wilkins, LC Gallo, A Ingram, ... The Astrophysical Journal 914 (2), 144	17	2021
<a href="#">Generative Model-Enhanced Human Motion Prediction</a> A Bourached, RR Griffiths, R Gray, A Jha, P Nachev Applied AI Letters 3 (2), e63	16	2022
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