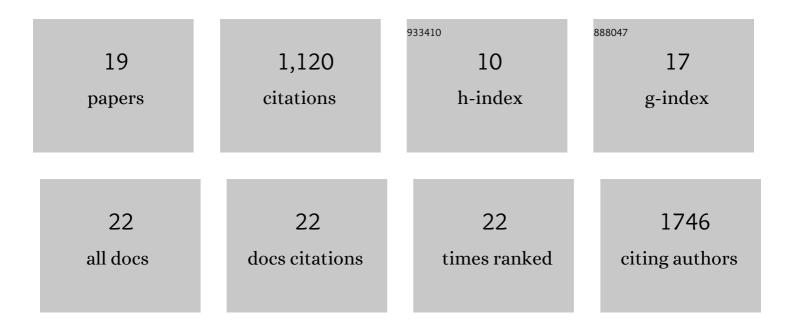
Muath Nairat

List of Publications by Year in descending order

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Μιίλτη Νλιρλτ

#	Article	IF	CITATIONS
1	Green synthesis of iron nanoparticles and their application as a Fenton-like catalyst for the degradation of aqueous cationic and anionic dyes. Chemical Engineering Journal, 2011, 172, 258-266.	12.7	671
2	Chitosan fiber-supported zero-valent iron nanoparticles as a novel sorbent for sequestration of inorganic arsenic. RSC Advances, 2013, 3, 7828.	3.6	115
3	H2 roaming chemistry and the formation of H3+ from organic molecules in strong laser fields. Nature Communications, 2018, 9, 5186.	12.8	73
4	Mechanisms and time-resolved dynamics for trihydrogen cation (H3 +) formation from organic molecules in strong laser fields. Scientific Reports, 2017, 7, 4703.	3.3	62
5	Incorporation of iron nanoparticles into clinoptilolite and its application for the removal of cationic and anionic dyes. Journal of Industrial and Engineering Chemistry, 2015, 21, 1143-1151.	5.8	46
6	Ultrafast Dynamics of a "Super―Photobase. Angewandte Chemie - International Edition, 2018, 57, 14742-14746.	13.8	36
7	Investigating the role of human serum albumin protein pocket on the excited state dynamics of indocyanine green using shaped femtosecond laser pulses. Physical Chemistry Chemical Physics, 2015, 17, 5872-5877.	2.8	27
8	Substituent effects on H3+ formation via H2 roaming mechanisms from organic molecules under strong-field photodissociation. Journal of Chemical Physics, 2018, 149, 244310.	3.0	27
9	Controlling S ₂ Population in Cyanine Dyes Using Shaped Femtosecond Pulses. Journal of Physical Chemistry A, 2016, 120, 1876-1885.	2.5	11
10	Comparison of the Energy-Transfer Rates in Structural and Spectral Variants of the B800–850 Complex from Purple Bacteria. Journal of Physical Chemistry B, 2020, 124, 1460-1469.	2.6	11
11	Mimicking Microbial Rhodopsin Isomerization in a Single Crystal. Journal of the American Chemical Society, 2019, 141, 1735-1741.	13.7	10
12	Ultrafast Dynamics of a "Super―Photobase. Angewandte Chemie, 2018, 130, 14958-14962.	2.0	7
13	Order of Magnitude Dissociative Ionization Enhancement Observed for Pulses with High Order Dispersion. Journal of Physical Chemistry A, 2016, 120, 8529-8536.	2.5	6
14	Femtosecond real-time probing of reactions MMXVII: The predissociation of sodium iodide in the A 0+ state. Chemical Physics Letters, 2017, 683, 121-127.	2.6	6
15	Ultrafast energy transfer between lipid-linked chromophores and plant light-harvesting complex II. Physical Chemistry Chemical Physics, 2021, 23, 19511-19524.	2.8	6
16	Time-resolved signatures across the intramolecular response in substituted cyanine dyes. Physical Chemistry Chemical Physics, 2017, 19, 14085-14095.	2.8	5
17	Binary-phase compression of stretched pulses. Journal of Optics (United Kingdom), 2017, 19, 105506.	2.2	1
18	Titelbild: Ultrafast Dynamics of a "Super―Photobase (Angew. Chem. 45/2018). Angewandte Chemie, 2018, 130. 14869-14869.	2.0	0

#	Article	IF	CITATIONS
19	Mimicking Microbial Rhodopsin Isomerization. Biophysical Journal, 2018, 114, 577a.	0.5	0