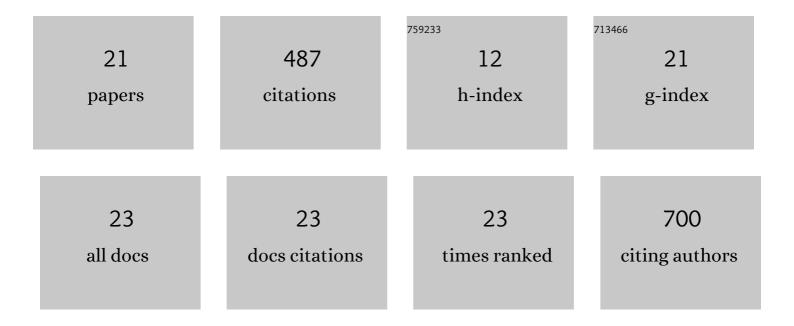
## Rémi Pétuya

List of Publications by Year in descending order

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ΡΔΩΜΙ ΡΔΩΤΗΥΛ

#	Article	IF	CITATIONS
1	Machineâ€Learning Prediction of Metal–Organic Framework Guest Accessibility from Linker and Metal Chemistry. Angewandte Chemie - International Edition, 2022, 61, .	13.8	24
2	Machineâ€Learning Prediction of Metal–Organic Framework Guest Accessibility from Linker and Metal Chemistry. Angewandte Chemie, 2022, 134, .	2.0	2
3	Size dependence of the dissociation process of spherical hydrate particles <i>via</i> microsecond molecular dynamics simulations. Physical Chemistry Chemical Physics, 2021, 23, 11180-11185.	2.8	10
4	Amino Acid Residues Determine the Response of Flexible Metal–Organic Frameworks to Guests. Journal of the American Chemical Society, 2020, 142, 14903-14913.	13.7	29
5	A new fluorescent hemicryptophane for acetylcholine recognition with an unusual recognition mode. New Journal of Chemistry, 2020, 44, 11853-11860.	2.8	11
6	Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. Angewandte Chemie, 2020, 132, 6266-6271.	2.0	2
7	Controlling Single Molecule Conductance by a Locally Induced Chemical Reaction on Individual Thiophene Units. Angewandte Chemie - International Edition, 2020, 59, 6207-6212.	13.8	9
8	The Anisotropic Responses of a Flexible Metal–Organic Framework Constructed from Asymmetric Flexible Linkers and Heptanuclear Zinc Carboxylate Secondary Building Units. Crystal Growth and Design, 2019, 19, 5604-5618.	3.0	6
9	Selective recognition of acetylcholine over choline by a fluorescent cage. Organic and Biomolecular Chemistry, 2019, 17, 5253-5257.	2.8	7
10	Magnetic coupling between 3d transition metal adatoms on graphene supported by metallic substrates. Carbon, 2017, 116, 599-605.	10.3	14
11	Electric-Field-Driven Direct Desulfurization. ACS Nano, 2017, 11, 4703-4709.	14.6	43
12	Ultrafast electronic response of graphene to a strong and localized electric field. Nature Communications, 2016, 7, 13948.	12.8	125
13	CO <sub>2</sub> Binding and Induced Structural Collapse of a Surface-Supported Metal–Organic Network. Journal of Physical Chemistry C, 2016, 120, 18622-18630.	3.1	12
14	Hydrogen abstraction from metal surfaces: when electron–hole pair excitations strongly affect hot-atom recombination. Physical Chemistry Chemical Physics, 2016, 18, 31378-31383.	2.8	30
15	Scattering of Atomic Hydrogen Off a H-Covered W(110) Surface: Hot-Atom versus Eley–Rideal Abstraction Dynamics. Journal of Physical Chemistry C, 2015, 119, 3171-3179.	3.1	28
16	lsotope Effects in Eley–Rideal and Hot-Atom Abstraction Dynamics of Hydrogen from Tungsten (100) and (110) Surfaces. Journal of Physical Chemistry C, 2015, 119, 15325-15332.	3.1	14
17	Energy Dissipation to Tungsten Surfaces upon Eley–Rideal Recombination of N <sub>2</sub> and H <sub>2</sub> . Journal of Physical Chemistry C, 2015, 119, 15434-15442.	3.1	40
18	Bipolar Conductance Switching of Single Anthradithiophene Molecules. ACS Nano, 2015, 9, 12506-12512.	14.6	37

Rémi Pétuya

#	Article	IF	CITATIONS
19	Dynamics of H2 Eley-Rideal abstraction from W(110): Sensitivity to the representation of the molecule-surface potential. Journal of Chemical Physics, 2014, 141, 024701.	3.0	15
20	Comparative Theoretical Study of H <sub>2</sub> Eley–Rideal Recombination Dynamics on W(100) and W(110). Journal of Physical Chemistry C, 2014, 118, 11704-11710.	3.1	19
21	Revisiting the Nonreactive Scattering of N <sub>2</sub> off W(100): On the Influence of the Scattering Azimuth on In-Plane Angular Distributions. Journal of Physical Chemistry C, 2014, 118, 21904-21910.	3.1	10