

# Deniz Gunceler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11113889/publications.pdf>

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14  
papers

1,229  
citations

1163117

8  
h-index

1058476

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g-index

14  
all docs

14  
docs citations

14  
times ranked

2491  
citing authors

#	ARTICLE	IF	CITATIONS
1	Designing solid-liquid interphases for sodium batteries. Nature Communications, 2017, 8, 898.	12.8	303
2	Nanoscale Imaging of Lithium Ion Distribution During In Situ Operation of Battery Electrode and Electrolyte. Nano Letters, 2014, 14, 1453-1459.	9.1	238
3	JDFTx: Software for joint density-functional theory. SoftwareX, 2017, 6, 278-284.	2.6	238
4	The importance of nonlinear fluid response in joint density-functional theory studies of battery systems. Modelling and Simulation in Materials Science and Engineering, 2013, 21, 074005.	2.0	177
5	Electroless Formation of Hybrid Lithium Anodes for Fast Interfacial Ion Transport. Angewandte Chemie - International Edition, 2017, 56, 13070-13077.	13.8	151
6	Structure of the Photo-catalytically Active Surface of SrTiO <sub>3</sub> . Journal of the American Chemical Society, 2016, 138, 7816-7819.	13.7	64
7	Weighted-density functionals for cavity formation and dispersion energies in continuum solvation models. Journal of Chemical Physics, 2014, 141, 134105.	3.0	26
8	Electroless Formation of Hybrid Lithium Anodes for Fast Interfacial Ion Transport. Angewandte Chemie, 2017, 129, 13250-13257.	2.0	11
9	A study of the density functional methods on the photoabsorption of Bodipy dyes. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 278, 14-18.	3.9	5
10	Anatase TiO <sub>2</sub> nanowires functionalized by organic sensitizers for solar cells: A screened Coulomb hybrid density functional study. Journal of Applied Physics, 2015, 118, 194301.	2.5	5
11	Towards a generalized iso-density continuum model for molecular solvents in plane-wave DFT. Modelling and Simulation in Materials Science and Engineering, 2017, 25, 015004.	2.0	4
12	Hybrid functional calculated optical and electronic structures of thin anatase TiO <sub>2</sub> nanowires with organic dye adsorbates. Applied Surface Science, 2015, 354, 437-442.	6.1	3
13	Range-Separated Hybrid Density Functional Study of Organic Dye Sensitizers on Anatase TiO <sub>2</sub> Nanowires. Journal of Physical Chemistry C, 2014, 118, 24776-24783.	3.1	2
14	Nanoscale Imaging of Lithium Ion Distribution During In Situ Operation of a Battery Electrode and Electrolyte. Microscopy and Microanalysis, 2014, 20, 1524-1525.	0.4	2