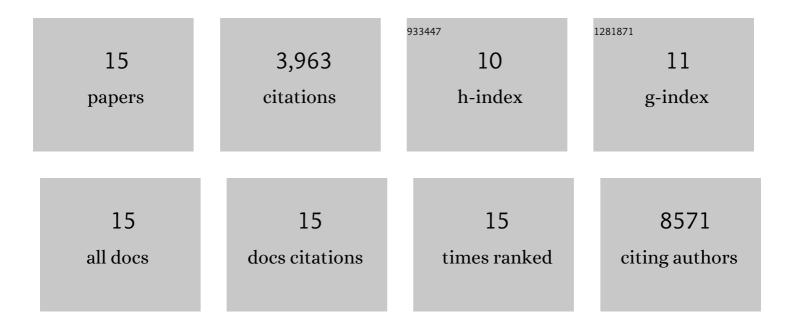
## Rajesh Kappera

List of Publications by Year in descending order

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PAIECH KADDEDA

#	Article	IF	CITATIONS
1	Efficient hydrogen evolution in transition metal dichalcogenides via a simple one-step hydrazine reaction. Nature Communications, 2016, 7, 11857.	12.8	179
2	The role of electronic coupling between substrate and 2D MoS2 nanosheets in electrocatalytic production of hydrogen. Nature Materials, 2016, 15, 1003-1009.	27.5	687
3	Spatially Resolved Photoexcited Charge-Carrier Dynamics in Phase-Engineered Monolayer MoS <sub>2</sub> . ACS Nano, 2015, 9, 840-849.	14.6	58
4	Direct Imaging of Charge Transport in Progressively Reduced Graphene Oxide Using Electrostatic Force Microscopy. ACS Nano, 2015, 9, 2981-2988.	14.6	29
5	Catalytic Activity in Lithium-Treated Core–Shell MoO <sub><i>x</i></sub> /MoS <sub>2</sub> Nanowires. Journal of Physical Chemistry C, 2015, 119, 22908-22914.	3.1	30
6	Covalent functionalization of monolayered transition metal dichalcogenides by phase engineering. Nature Chemistry, 2015, 7, 45-49.	13.6	637
7	Evolution of the Electronic Band Structure and Efficient Photo-Detection in Atomic Layers of InSe. ACS Nano, 2014, 8, 1263-1272.	14.6	534
8	Metallic 1T phase source/drain electrodes for field effect transistors from chemical vapor deposited MoS2. APL Materials, 2014, 2, .	5.1	155
9	Phase-engineered low-resistance contacts for ultrathin MoS2 transistors. Nature Materials, 2014, 13, 1128-1134.	27.5	1,463
10	Axonal Alignment and Enhanced Neuronal Differentiation of Neural Stem Cells on Grapheneâ€Nanoparticle Hybrid Structures. Advanced Materials, 2013, 25, 5477-5482.	21.0	183
11	Multi-Walled Carbon-Nanotube Based Flexible Piezoelectric Films with Graphene Monolayers. Energy and Environment Focus, 2013, 2, 195-202.	0.3	6
12	Bionanotechnology: Axonal Alignment and Enhanced Neuronal Differentiation of Neural Stem Cells on Graphene-Nanoparticle Hybrid Structures (Adv. Mater. 38/2013). Advanced Materials, 2013, 25, 5476-5476.	21.0	0
13	Large-Scale Deposition of Transparent Conducting Oxides by Hollow Cathode Sputtering. Materials Research Society Symposia Proceedings, 2011, 1323, 35.	0.1	0
14	Enhanced optical absorption in thin film solar cells by surface plasmons. , 2010, , .		1
15	Nanohole structures for efficiency enhancement in thin film photovoltaics. , 2010, , .		1