

# Dean P Neikirk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3628058/publications.pdf>

Version: 2024-02-01

10  
papers

554  
citations

1478505

6  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

1035  
citing authors

#	ARTICLE	IF	CITATIONS
1	“Cut&Paste” Manufacture of Multiparametric Epidermal Sensor Systems. <i>Advanced Materials</i> , 2015, 27, 6423-6430.	21.0	254
2	Development of Multianalyte Sensor Arrays Composed of Chemically Derivatized Polymeric Microspheres Localized in Micromachined Cavities. <i>Journal of the American Chemical Society</i> , 2001, 123, 2559-2570.	13.7	188
3	Microfabricated self-resonant structure as a passive wireless dielectric constant and conductivity sensor. <i>Microsystem Technologies</i> , 2012, 18, 885-891.	2.0	57
4	Infrared broadband metasurface absorber for reducing the thermal mass of a microbolometer. <i>Scientific Reports</i> , 2017, 7, 430.	3.3	34
5	Miniature Passive Wireless Resonant Platform for Chemical Memory-Based Threshold Sensing. <i>IEEE Sensors Journal</i> , 2017, 17, 1209-1210.	4.7	8
6	Versatile Large-Area Custom-Feature van der Waals Epitaxy of Topological Insulators. <i>ACS Nano</i> , 2017, 11, 7457-7467.	14.6	6
7	Unpowered resonant wireless sensor nets for structural health monitoring. , 2008, , .		5
8	Smart microplates: integrated photodiodes for detecting bead-based chemiluminescent reactions. , 2006, , .		1
9	Quantitative Modeling of Phase Detection in Passive Inductively Coupled Resonant Sensors. , 2018, 2, 1-4.		1
10	Functionalized Polycyclic Aromatic Polymers for High Temperature Wireless Chemical Memory Threshold Sensors. <i>Industrial &amp; Engineering Chemistry Research</i> , 2017, 56, 5479-5482.	3.7	0