

# Takeshi Watanabe

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1567703/publications.pdf>

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13  
papers

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1307594

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1281871

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docs citations

13  
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231  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Hydrogenation of Boron-Doped Diamond Electrodes by Cathodic Reduction. Analytical Chemistry, 2017, 89, 11341-11347.	6.5	59
2	Influence of Surface Orientation on Electrochemical Properties of Boron-Doped Diamond. Journal of Physical Chemistry C, 2019, 123, 5336-5344.	3.1	52
3	Microfluidic screening system based on boron-doped diamond electrodes and dielectrophoretic sorting for directed evolution of NAD(P)-dependent oxidoreductases. Lab on A Chip, 2020, 20, 852-861.	6.0	39
4	Optically transparent antenna based on carrier-doped three-layer stacked graphene. AIP Advances, 2021, 11, .	1.3	19
5	Radiation properties of graphene-based optically transparent dipole antenna. Microwave and Optical Technology Letters, 2018, 60, 2992-2998.	1.4	13
6	Facet-Dependent Temporal and Spatial Changes in Boron-Doped Diamond Film Electrodes due to Anodic Corrosion. Journal of Physical Chemistry C, 2017, 121, 26742-26750.	3.1	9
7	Making graphene luminescent by adsorption of an amphiphilic europium complex. Applied Physics Letters, 2018, 112, .	3.3	7
8	Increasing the Electric Double-Layer Capacitance in Boron-Doped Diamond Electrodes. ChemElectroChem, 2019, 6, 1683-1687.	3.4	7
9	Reusability of Ir(111)/Al <sub>2</sub> O <sub>3</sub> (0001) substrates in graphene chemical vapor deposition growth. Japanese Journal of Applied Physics, 2020, 59, SIID01.	1.5	4
10	Characterization of contact properties at interface between metal and graphene up to 15 GHz. Engineering Reports, 2021, 3, e12325.	1.7	4
11	Characterization of epitaxial CVD graphene on Ir(111)/Al <sub>2</sub> O <sub>3</sub> (0001) by photoelectron momentum microscopy. Japanese Journal of Applied Physics, 2022, 61, SD1015.	1.5	4
12	A Real-Time Free Chlorine Monitoring by Graphene Field-Effect Transistor. , 2019, , .		2
13	CVD-Graphene-Based Optically Transparent Antennas. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2021, 72, 433-438.	0.2	0