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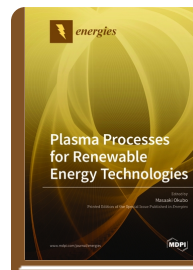
Plasma Processes for Renewable Energy Technologies

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ISBN 978-3-03921-972-8 (Softback)

ISBN 978-3-03921-973-5 (PDF)



The use of renewable energy is an effective solution for the prevention of global warming. On the other hand, environmental plasmas are one of powerful means to solve global environmental problems on nitrogen oxides, (NO_x), sulfur oxides (SO_x), particulate matter (PM), volatile organic compounds (VOC), and carbon dioxides (CO₂) in the atmosphere. By combining both technologies, we can develop an extremely effective environmental improvement technology. Based on this background, a Special Issue of the journal *Energies* on plasma processes for renewable energy technologies is planned. On the issue, we focus on environment plasma technologies that can effectively utilize renewable electric energy sources, such as photovoltaic power generation, biofuel power generation, wind turbine power generation, etc. However, any latest research results on plasma environmental improvement processes are welcome for submission. We are looking, among others, for papers on the following technical subjects in which either plasma can use renewable energy sources or can be used for renewable energy technologies:

- Plasma decomposition technology of harmful gases, such as the plasma denitrification method;
- Plasma removal technology of harmful particles, such as electrostatic precipitation;
- Plasma decomposition technology of harmful substances in liquid, such as gas-liquid interfacial plasma;
- Enhanced flow induction and heat transfer enhancement technologies, such as wind device and plasma actuator;
- Enhanced combustion and fuel reforming;
- Other environment plasma technologies.



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